



ALTERNATIVE TO PTO/SB/08A/B (04/07)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	08/977,846
				Filing Date	November 25, 1997
				First Named Inventor	John O. RYAN
				Art Unit	3628
				Examiner Name	I. Borissov
Sheet	1	of	2	Attorney Docket Number	549222000101

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1.	US-5,502,497-A	03-26-1996	Yamaashi et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	2.	EP-0 959 635-A1	11-24-1999	Alcatel		
	3.	JP-58-139746-U	09-20-1983	Unknown	Japanese Language, English Language Summary.	
	4.	JP-62-90061-A	04-24-1987	Sumitomo Electric Industries	Translation of Abstract Only.	
	5.	JP-63-171491-A	07-15-1988	Aimor Denshi KK	Translation of Abstract Only.	
	6.	JP-63-218998-A	09-12-1988	Sharp KK	Translation of Abstract Only.	
	7.	JP-1-146639-U	10-09-1989	Unknown		
	8.	JP-1-295363-A	11-29-1989	Yamato Denki Eng KK	Translation of Abstract Only.	
	9.	JP-1-318368-A	12-22-1989	Thomson Consumer Electronics	Translation of Abstract Only.	
	10.	JP-2-41091-A	02-09-1990	Matsushita Electric Ind. Co. Ltd.	Translation of Abstract Only.	
	11.	JP-3-44122-A	02-26-1991	Conditional Access Tech et al.	Translation of Abstract Only.	
	12.	JP-3-259635-A	11-19-1991	Mitsubishi Electric Corp.	Translation of Abstract Only.	
	13.	JP-4-47435-A	02-17-1992	Personal Joho Kankyo Kyokai	Translation of Abstract Only.	
	14.	JP-4-92596-A	03-25-1992	Yazaki Corp.	Translation of Abstract Only.	
	15.	JP-4-150333-A	05-22-1992	Japan Broadcasting Corp.	Translation of Abstract Only.	
	16.	JP-4-290386-A	10-14-1992	Thomson Consumer Electronics	Translation of Abstract Only.	
	17.	JP-5-64167-A	03-12-1993	Hitachi Ltd.	Translation of Abstract Only.	
	18.	JP-5-75984-A	03-26-1993	Hitachi Ltd.	Translation of Abstract Only.	
	19.	JP-5-191335-A	07-30-1993	Hitachi Ltd.	Translation of Abstract Only.	
	20.	JP-5-236437-A	09-10-1993	Pioneer Electronic Corp	Translation of Abstract Only.	
	21.	JP-5-276463-A	10-22-1993	Unknown	Translation of Abstract Only.	

Examiner Signature		Date Considered	
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Sheet	2	of	2	Attorney Docket Number	549222000101

	22.	JP-6-86224-A	03-25-1994	Canon KK	Translation of Abstract Only.	
	23.	JP-8-186560-A	07-16-1996	Kokusai Electric Co. Ltd.	Translation of Abstract Only.	
	24.	JP-3078325-B2	06-16-2000	Macrovision Corporation		
	25.	JP-3088754-B2	07-14-2000	Macrovision Corporation		
	26.	WO-97/26718-A1	07-24-1997	Ericsson Inc.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	27.	SENO, H. (November 1, 1992). "Automatic Indexing System of Japanese Documents. A Consideration of Automatic Indexing for Data Broadcasting Services," <i>Information Science and Technology</i> 42(11):1023-1032. (Japanese language, English translation of Data Broadcasting Service portion of article.)	

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